

Introduction to C Language

- C is a general-purpose programming language.
- Developed by Dennis Ritchie in 1972.
- Widely used for system programming.



Features of C

- Simple and efficient.
- Structured language.
- Portable.
- Rich set of operators.
- Fast execution.



Structure of C Program

- Includes headers.
- Main function.
- Variable declaration.
- Statements.
- Return statement.



Uses of C

- Operating systems.
- Embedded systems.
- Game development.
- Compilers and drivers.



Advantages of C

- Fast and efficient.
- Close to hardware.
- Widely used.
- Strong community support.



Disadvantages of C

- No object-oriented features.
- Manual memory management.
- Less secure.



Conclusion

- C is the foundation of many modern languages.
- Important for programming basics.
- Still widely used today.

